## INTERNATIONAL SEARCH REPORT

International application No.

			PCT/US04/33290		
A. CLAS	SIFICATION OF SUBJECT MATTER				
IPC(7)	: G10H 7/12				
US CL	: 704/263; 381/61; 84/603				
	International Patent Classification (PC) or to both na	housi cis	sementon and the		
	DS SEARCHED		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
Minimum do	cumentation searched (classification system followed)	by classif	ication symbols)		
U.S. : 70	04/263, 267, 200.1; 381/61-63; 84/603, 604, 626				
		······································			
Dogumentatio	on searched other than minimum documentation to the	• extent के	est such documents are included	in the fields searched	
	ra base consulted during the international search (nati	is of data	base and, where practicable, see	irch terms used)	
USPATS, US	SPGPUB, DERWENT, EPO, JPO				
C. DOC	UMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where appropriate, of the relevant passages			Relevant to claim No.	
Y	US 5,862,227 A (ORDUNA-BUSTAMANTE et al.) 19 January 1999 (19.01.1999), curire document, especially Figures 1-4, columns 1-6, and columns 12-13 US 5,453,253 B1 (ITO) 17 September 2002 (17.09.2002), Figure 2 and columns 1-5			5,6, 8-11, 13, 14	
				<u>_</u>	
¥				7	
x	US 2003/0169887 A1 (FUITA et al.) 11 September 2003 (11-09-2003), see entire document especially Figure 1 and pages 1-8.			1-4, 12	
<b>♣</b>				•	
Y				5,6, 8-11, 13, 14	
Ť				•	
			-		
			`		
<u> </u>					
Further	r documents are listed in the continuation of Box C.		See patent family annex.	_	
• S	pacial categories of clied documents:	m.l.n	tener document published after the int	mational filing date or priority	
"A" documen	t deliping the Seneral state of the six which is not considered to be		date and not the conflict with the application of the principle or theory underlying the	: jihelijor cikan bir cika to milasand	
	firt talchauce	*X*	document of particular relevance. the		
"E" carlior as	objication or batest hepitaped on at after the piternational tiling	·· <b>•</b>	considered novel at camps he conside	ayinavni ez avlovni ot par	
CRIF			श्रांक भोता के विद्यासम्बद्धाः के स्थिता केल्	9	
"I." document which may throw doubts on priority claimst of which is cited to especial the publication date of another citation or other special reason (as specified)			clossithent in bangicinal solesands the	chimed invention cannot be	
			considered to involve बा inventive ac consisted with one or more other सन	के महिन्द्र सेन्ट क्विटामानाई है। विकटणानमञ्जू	
			being obvious to a person sidled in a	भ शा	
-O- documen	u referring का रूप कार्या क्षेत्रपंत्रकार, अरू, क्ष्मिंग्रेशिक वर क्षारा वास्त्राह	-&-	document mainter of the same parant	family	
<b>्रम</b> वंदरमंगामा	published prior to the international fields date but facer than the	***	,		
Date of the a	cust completion of the international search	Dare of	mailing of the international scan	ch report	
		2-3 FEB 2005			
03 February 2005 (03.02.2005)					
Name and mailing address of the ISA/US		MINDOF	zed officer	45-11	
Mail Stop PCT, Aug. ISA/US  Commissioner for Patents		Monald L. Storm			
P.Q. Box 1450			Telsphone No. (703)305-3257		
	жардгія, Virginia 22313-1450	1 erebrix	me tan- (wedanaga)	•	
والمستنب بالمستنب والمسيدي والمسيدي والمسيدي والمسيد	o. (703) 305-3230				
orm PCT/IS/	A/210 (second sheet) (Japuary 2004)				